M/027/006

CONTINENTAL LIME INC.

A STEEL BROTHERS COMPANY

RECEIVED 5/2/90
D SITE VISIT
FROM RUSS DOBSON
- DOGM SHOULD HAVE RECEIVED OFFICIAL VERSION FROM CORPORATE OFFICE ALREADY.

3-8-90

Lowell P. Braxton
Associate Director, Mining
Dept. of Natural Resources
Division of Oil, Gas & Mining

Dear Mr. Braxton:

This letter is in response to our Permit Revision request submitted April 3, 1989 and the review of the Permit Revision from your office dated Aug. 4, 1989.

Reference R613-004-106 operation plan.
The limestone reserves located in the existing quarry are estimated to be about 9.5 M tons. At the present rate of mining the reserves will be depleted in 1998. Reclamation work that is proposed in the April 3, 1989 proposal will be initiated as disturbances are abandoned and can successfully be reclaimed.

Ref. R613-004-107
As mining advances downward and the reserves in the upper benches are depleted, the reclamation as proposed will be performed concurrently with production which will be implemented in 1990. As the benches are mined out, berms will be constructed and benches will be reclaimed.

Ref. R613-004-107 (5) Soils
Top soil from the dump area is being stripped and stockpiled as the dump area grows. The top soil stock pile will be reseeded this spring and signs are posted to the effect that the stock pile is not to be disturbed until the soil is used in Reclamation.

Ref. R613-004-110 Reclamation Plan
The areas for revegetation test plots were established in October, 1989. An area was selected on the waste dump at the plant. An area on the reject dump in the crusher area and an area on a mined out bench in the quarry was selected. See Topographic Map for locations in the quarry area. Plate I shows how the Test Plots were established. Plate II is the seed mix that was recommended by Granite Seed Co.

Ref. R613-004-111 (6) Slopes
We will conform to the division recommendation of slope angle variance and the result of the test plots for reclamation.

BOX 266 / DELTA, UTAH 84624 / PHONE: (801) 864-3823

Ref. R613-004-111 (7) Highwalls

We will conform to the following condition.

1. If the highwalls shows significant deterioration or failure in problem areas, the slope angle will be reduced and revegetated.
2. Before the proposed 6-inch depth of fines is placed on the mined out benches, the compacted bench surfaces will be scarified to a depth of at least 12 inches.

Ref. R613-004-113 Surety

The total surety amount to be filed is $179,000 payable jointly to the State of Utah, Div. of Oil, Gas and Mining and the B.L.M.

A map at a scale of 1"=100 ft. (Map I) is included. The map shows areas of disturbance, future areas of disturbance and the seed test plots at the quarry site.

The reclamation contract form MR-RC is enclosed.

Sincerely.

Russell V. Dobson

Russell V. Dobson
Plant Manager

Plate II

Seed mix Oct 20, 85

Granite Seed Company 1697 W. 2100 N.
Lehi, UT 84043

MIX #: 2100

P.O.# 6516.

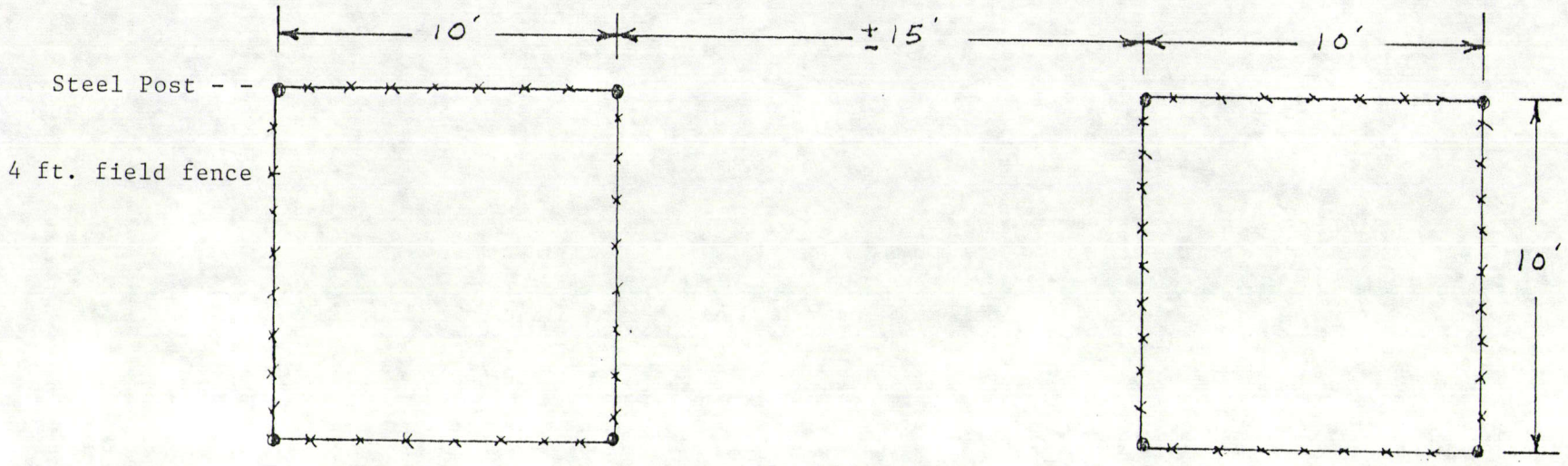
% PURE		GERM + HARD	ORIGIN
2.78	W.STEM RUBBER RABBITBRUSH	VNS	84.00 + 0.00 -	UT
4.86	WESTERN WHEATGRASS	ROSANA	89.00 + 0.00 -	WY
5.87	GALLETA GRASS	VIVA	91.00 + 0.00 -	TX
7.28	THICKSPIKE WHEATGRASS	CRITANA	95.00 + 0.00 -	WA
7.33	STREAMBANK WHEATGRASS	SODAR	99.00 + 0.00 -	WA
7.39	SHADSCALE	VNS	61.00 + 0.00 -	UT
7.58	INDIAN RICEGRASS	NEZPAR	91.00 + 0.00 -	WY
8.22	WINTERFAT	VNS	65.00 + 0.00 -	NM
9.58	RUSSIAN WILDRYE	VNS	90.00 + 0.00 -	MT
10.03	CRESTED WHEATGRASS	FAIRWAY	88.00 + 0.00 -	WA
11.81	FOURWING SALTBUSH	VNS	8.00 +64.00 -	NM

0.07 Other Crop
17.08 Inert Matter
0.12 Weed Seed
NET WEIGHT: 50.00 LBS. BULK
34.40 LBS. PLS

Date Tested: 07/01/89
Restricted Weed: None
% Hard Seed: 8.23

GUARANTEE: Granite Seed guarantees its seed to be of promised quality and true to name as specified. Should seed prove to be other than labeled, liability shall be limited to replacement or refund of purchase price.

PLATE 1



Sign: Revegetation Plots

Revegetation Test Plots
Established Oct. 1989
Continental Lime Inc.
Cricket Mountain Lime Plant

I. Test plots are located in three areas of Continental Lime property:

1. Waste dump at plant site
2. Reject waste dump
3. Abandoned quarry bench

II. The test plots consists of 2 fenced areas at each location.

No. 1 plot preparation was to:

1. Break ground surface and cover with 4 inches of -3/4" limestone reject waste.
2. Broadcast seed mix No. 2100 on rejects and rake seed in.
3. Fertilize with 11-50-0 fertilizer.
4. Cover with straw mulch.

No. 2 plot preparation was to:

1. Break ground surface and cover with 4 inches of -3/4" limestone reject waste.
2. Fertilize with 11-50-0 fertilizer.
3. Apply 4 inches of mulch from mushroom farm in Fillmore.
4. Sow in seed mix No. 2100 and rake in seed bed.
5. Cover with straw mulch.

III. Two plots at each of the three locations were prepared to compare success rates between seed bed preparation and to try and determine which variety of plants developed best in this environment.